

FIG. 1

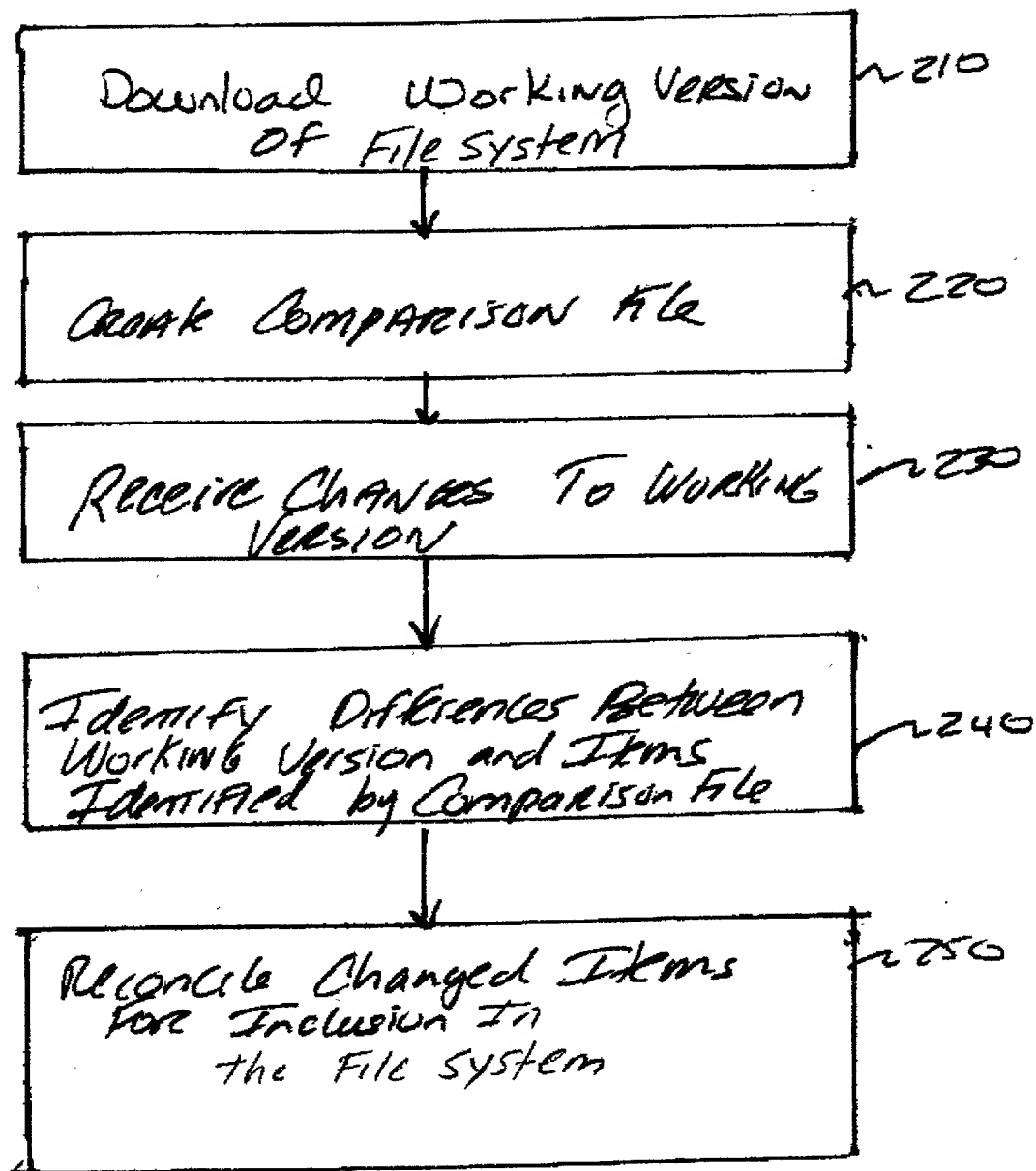


FIG. 2

Download Working Version  
Portion of File System ~310

Create Comparison File ~320

Receive Changes to Working  
Version ~330

Identify Differences Between  
Working Version & Items Identified  
By Comparison File ~340

Make Synchronization Request ~350

Receive Information About  
File System ~360

Identify Differences Between Updated  
File System and Items Identified  
By Comparison File ~370

Select to make changes to  
File System and to Working  
Version ~380

Resolve Conflicts Between Differences  
Identified in Working Version And  
Differences Identified in File System ~390

Use Selected Items to Update  
File System ~395

FIG. 3

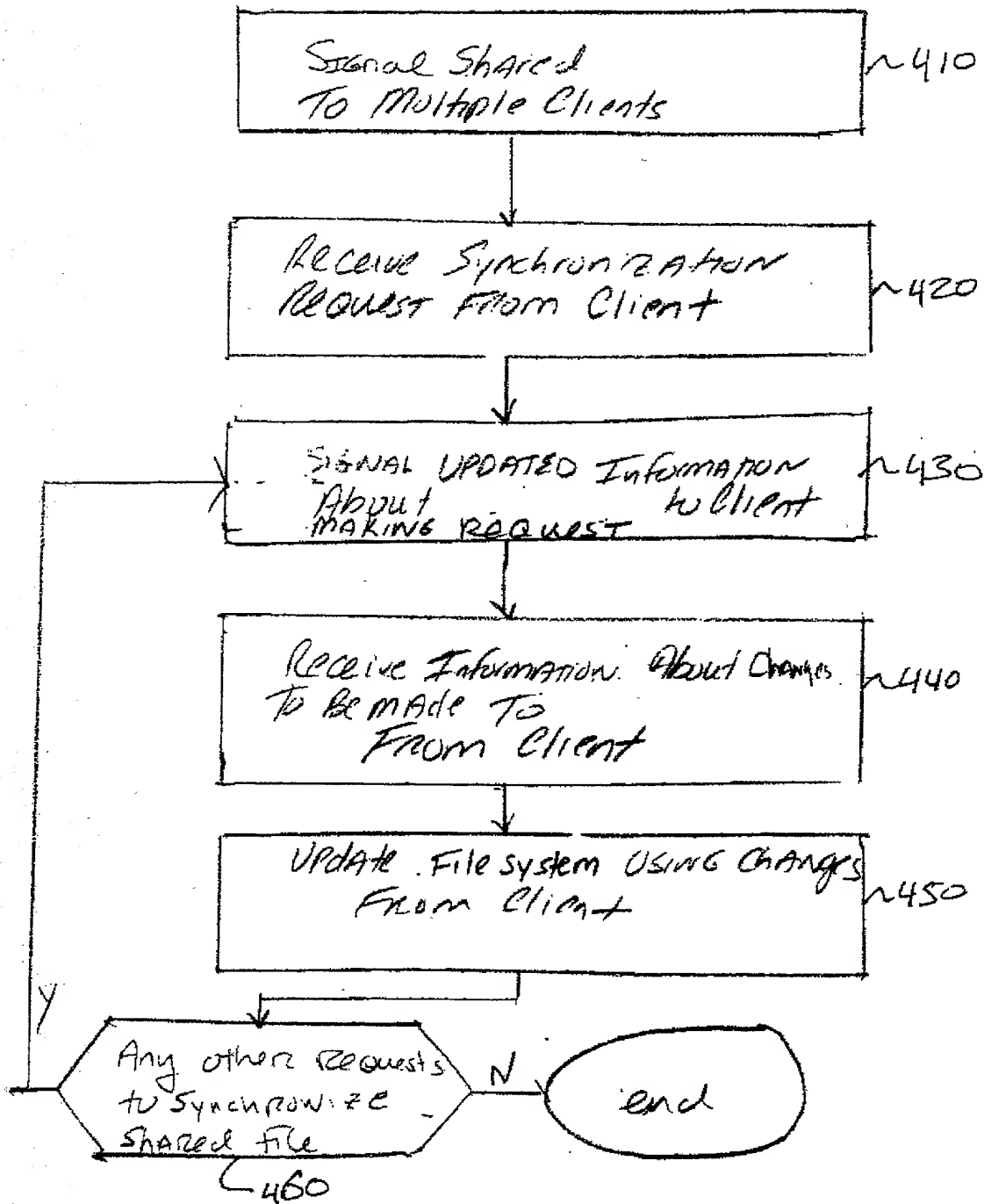


FIG-4

# Flow Process For Identifying Changed Items

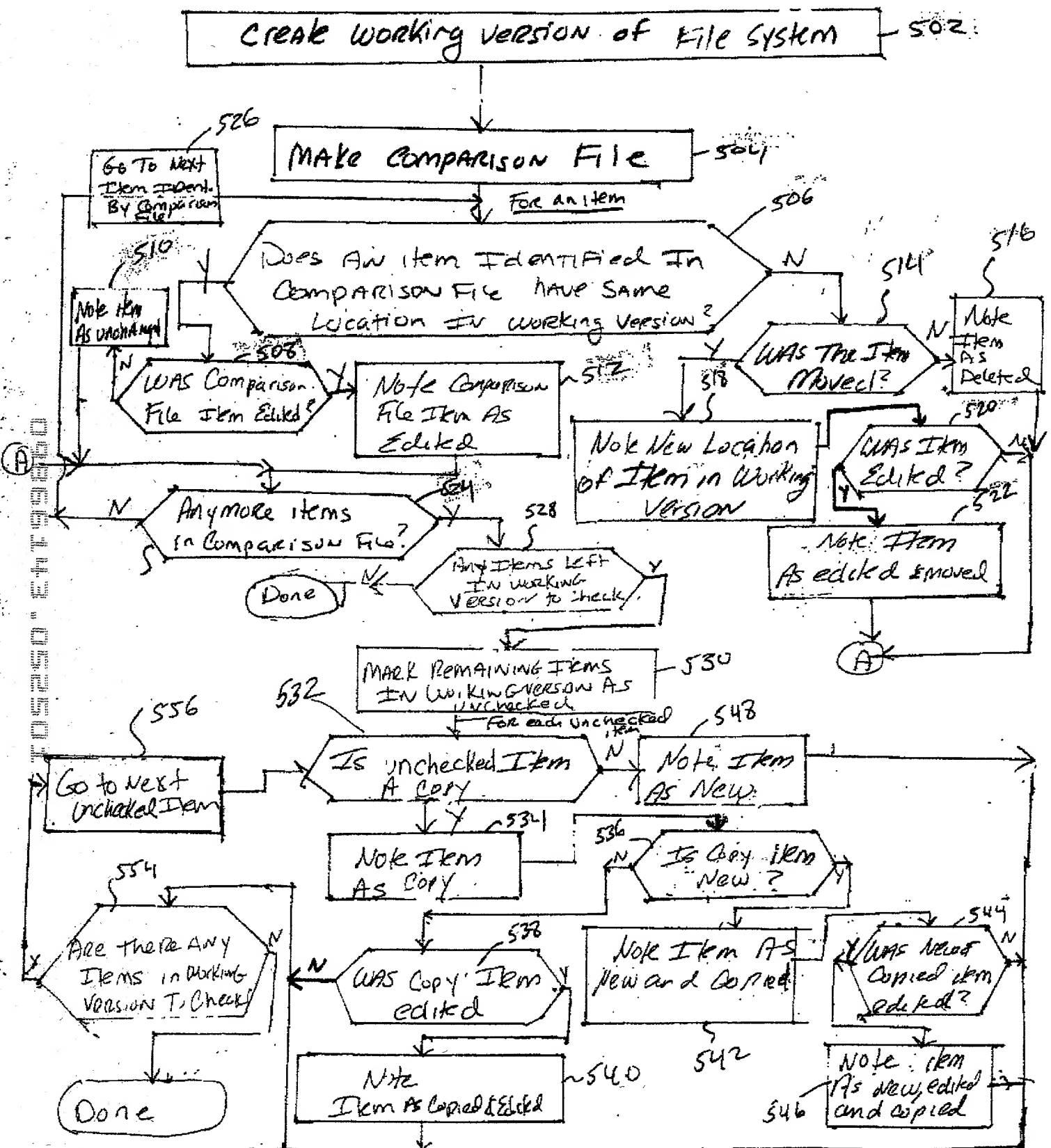


FIG. 5

# Identifying Items Moved or Deleted

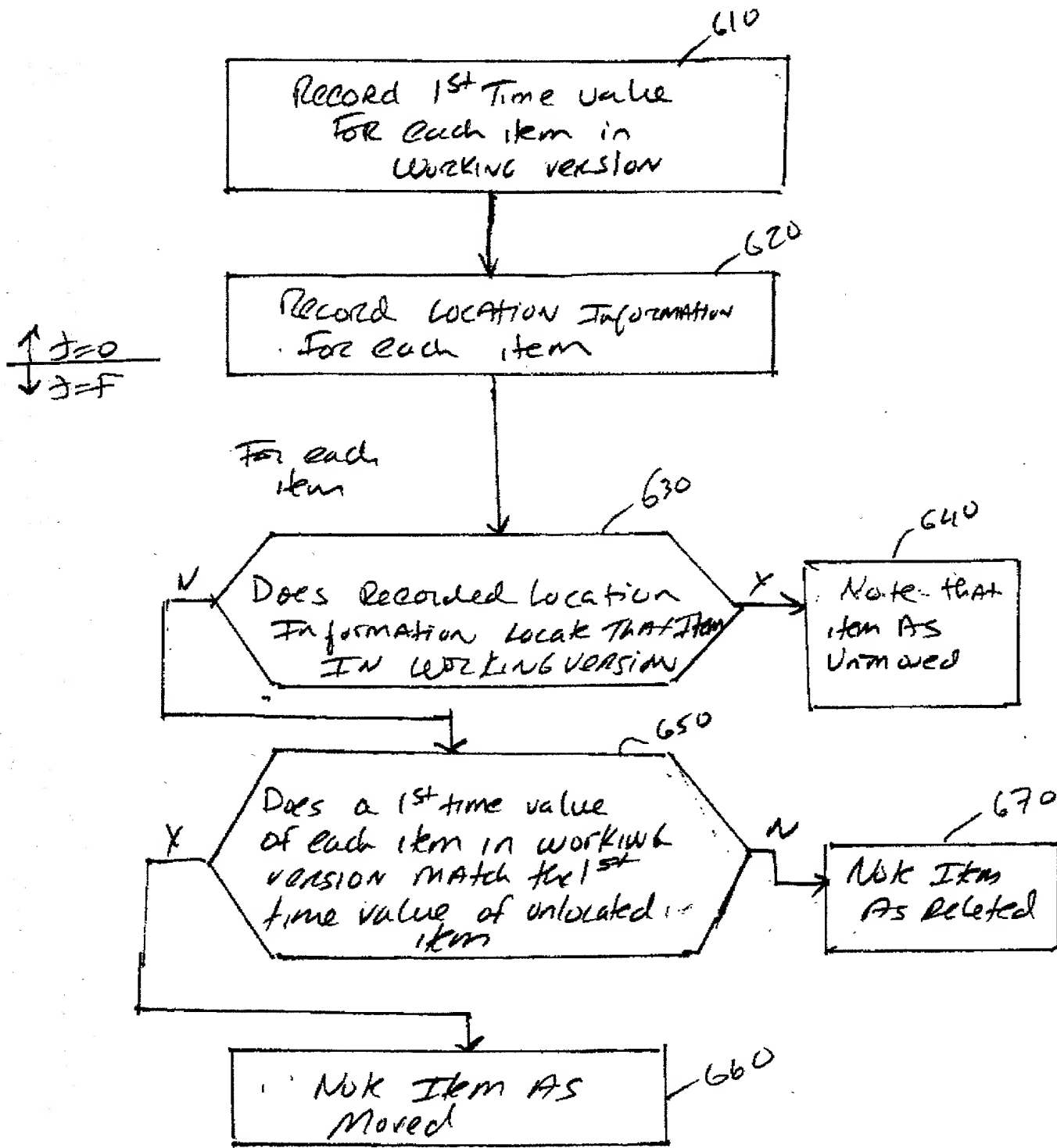


FIG. 6

IDENTIFYING ITEMS AS  
Edited

Identify a creation date value  
for the item

Identify a modification  
date time value for the item

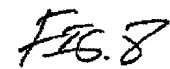
Is the creation date different  
than the modification date?

N  
Not Item  
As Not  
edited

Y  
Note item as  
edited

FIG. 7

$\uparrow$   $f = 0$   
 $\downarrow$   $f = f$





Detecting New, Copy &/or Edit Operations

Record Create date & modification date for each item in working version

For unchecked items in working version

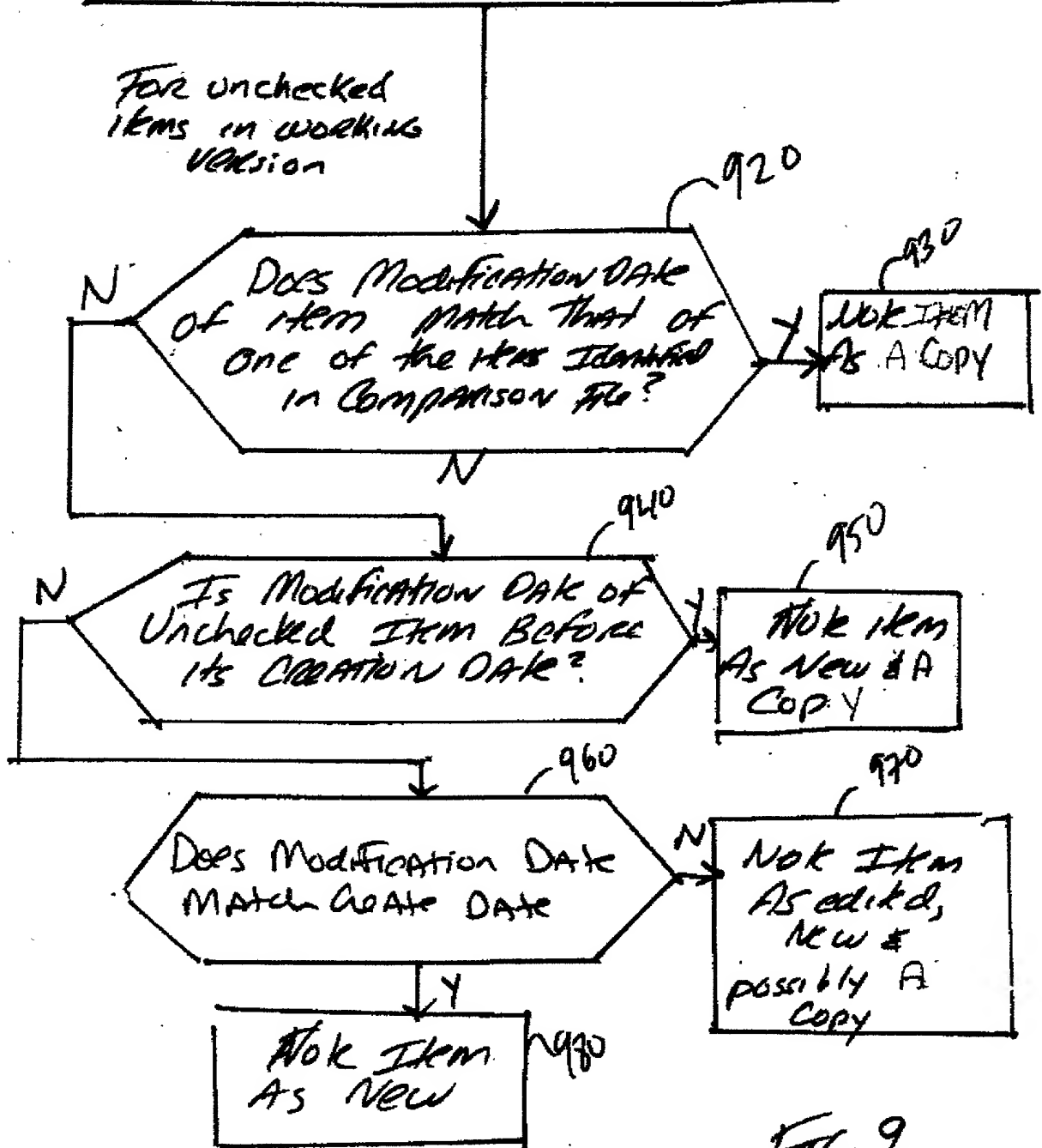


FIG. 9

Computer A		Computer B	
File NAME	Action Required	File NAME	Action Required
A <sub>1</sub>	xM <sub>y</sub>	B <sub>1</sub>	aC <sub>b</sub>
A <sub>2</sub>	E	B <sub>2</sub>	F
⋮		⋮	
A <sub>n</sub>	(N) <sub>x</sub> C <sub>y</sub>	B <sub>n</sub>	D

USER INTERFACE

FIG. 10

FIG. 11

